

**APPLICATION FOR UNITED STATES PATENT**  
**Declaration and Power of Attorney**

As a below named inventor, I hereby declare: THAT my residence, post office address and citizenship are as stated next to my name; THAT I verily believe I am the original, first and sole inventor of the invention entitled: PERMANENT MAGNET AND SHIM DESIGN described and claimed in the attached specification; THAT I have reviewed and understand the contents of the above identified specification, including (to the best of my ability) the claims, as amended by any amendment referred to above; THAT I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with 37 C.F.R 1.56(a) and 35 U.S.C 102, 103; and that applications for patent or inventor's certificate on this invention or discovery which have been filed by me or my legal representatives or assigns in any country foreign to the United States of America and, if filed within one year before this application, from which priority is claimed under 35 U.S.C. 119/365 are as follows:

United Kingdom Application No. 9924833.8 filed 20th October 1999

And I hereby appoint Nixon & Vanderhye whose address is Eighth Floor, 1100 North Glebe Road, Arlington, Virginia 22201-4714, USA (to whom all communications about this application are to be directed), and the below named partners (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorise them to act and rely on instructions from and to communicate with BTG INTERNATIONAL LIMITED and its employees and by whom I declare that I have consented after full disclosure to be represented unless/until I instruct Nixon & Vanderhye in writing to the contrary.

Leonard C. Mitchard, 29,009, Arthur R. Crawford, 25,327, Larry S. Nixon, 25,640, Robert A. Vanderhye, 27,076, James T. Hosmer, 30,148, Robert W. Faris, 31,352, Michael J. Keenan, 32,106, Mark E. Nusbaum, 32,348, Richard G. Besha, 22,770, Bryan H. Davidson, 30,251, Stanley C. Spooner, 27,393, Duane M. Byers, 33,363, Paul J. Henon, 33,626, Jeffry H. Nelson, 30,481, John R. Lastova, 33,149, H. Warren Burnam Jr, 29,366, Thomas E. Byrne, 32,205, Mary J. Wilson, 32,955, J. Scott Davidson, 33,489

I declare further that all statements made herein of own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

Barry Leonard Walter Chapman Date: 21 March 2002

Barry Leonard Walter Chapman, a British subject

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